

### **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

### **Listing of Claims:**

1. (Previously Presented) A method for determining a charging rate related to a data bit transfer session\_for a mobile client communicating with a radio resource managing unit comprising the steps of:

dynamically determining a\_bandwidth on the wireless communication link available to the bit transfer session\_for said mobile client

a charging logic receiving information from the radio resource managing unit about the bandwidth on the wireless communication link that the bit transfer session is available to use; and said charging logic applying a particular charging rate for said mobile client based on said received bandwidth information for said data bit transfer session.

2. (Previously Presented) The method for determining said charging rate according to claim 1 further comprising

The charging logic receiving said information from the radio resource managing unit each time the bandwidth on the wireless link available to the bit transfer session has changed.

3. (Previously Presented) The method for determining said charging rate according to claim 1 further comprising

the charging logic receiving said information from the radio resource managing unit at predetermined intervals.

4. (Previously Presented) The method for determining said charging rate according to claim 1 further comprising

the charging logic receiving said information from the radio resource managing unit each time the bandwidth on the wireless link available to the bit transfer session has changed and the bandwidth change has been applied to the session for a predetermined period of time.

5. (Currently Amended) The method for determining said charging rate according to claim 1 further comprising

the charging logic receiving said information from the radio resource managing unit at intervals which depend on the a service type of the bit transfer session.

6. (Previously Presented) The method for determining said charging rate according to claim 1 further comprising

the charging logic receiving said information from the radio resource managing unit via an application server which relays said information from the radio resource managing unit to the charging logic.

7. (Previously Presented) The method for determining said charging rate according to claim 1 further comprising

the charging logic receiving said information from the radio resource managing unit via a mobile proxy which relays said information from the radio resource managing unit to the charging logic.

8. (Previously Presented) The method for determining said charging rate according to claim 1 further comprising

the charging logic adapting the charging rate related to the bit transfer session such that the session is charged according to a first\_charging rate associated with a first charging class when the bandwidth on the wireless link available to the bit transfer session is within a first predetermined interval and according to a second charging rate associated with a second charging class when the bandwidth on the wireless link available to the bit transfer session is within a second predetermined interval.

9. (Previously Presented) The method for determining said charging rate according to claim 1 further comprising

the charging logic determining that the charging rate related to the bit transfer session should be zero when the bandwidth on the wireless link available to the bit transfer session is below a predetermined threshold level.

10. (Currently Amended) The method for determining said charging rate according to claim 1 further comprising

the charging logic adapting the charging rate related to the bit transfer session based on said received information from the radio resource managing unit such that the impact of said received information from the radio resource managing unit on the charging rate of the bit transfer session depends on ~~the type of service~~ a service type of the bit transfer session.

11. (Canceled)

12. (Previously Presented) A telecommunications charging system associated with a mobile client communicating with a radio resource managing unit over a wireless communication link within a telecommunication network system, comprising:

means for dynamically determining a bandwidth available for a particular data bit transfer session established between said mobile client and said radio resource managing unit over said wireless communication link;

reception means for receiving information from the radio resource managing unit about the bandwidth on the wireless link available for the bit transfer session; and

charging server for applying a particular charging rate for said mobile client based on said received bandwidth information for the bit transfer session.

13. (Previously Presented) The telecommunication charging system according to claim 12, wherein said reception means is arranged to receive said

information from the radio resource managing unit each time the bandwidth on the wireless link that the bit transfer session is available to use has changed.

14. (Previously Presented) The telecommunication charging system according to claim 12, wherein said reception means is arranged to receive said information from the radio resource managing unit at predetermined intervals.

15. (Previously Presented) The telecommunication charging system according to claim 12, wherein said reception means is arranged to receive said information from the radio resource managing unit each time the bandwidth on the wireless link available to the bit transfer session has changed and the bandwidth change has been applied to the session for a predetermined period of time.

16. (Previously Presented) The telecommunication charging system according to claim 12, wherein said reception means is arranged to receive said information from the radio resource managing unit at intervals which depend on the service type of the bit transfer session.

17. (Previously Presented) The telecommunication charging system according to claim 12 wherein said reception means is arranged to receive said information from the radio resource managing unit via an application server which relays said information from the radio resource managing unit to the charging logic.

18. (Previously Presented) The telecommunication charging system according to claim 12 wherein said reception means is arranged to receive said information from the radio resource managing unit via a mobile proxy which relays said information from the radio resource managing unit to the charging logic.

19. (Previously Presented) The telecommunication charging system according to claim 12 wherein the charging server is arranged to adapt the charging

rate related to the bit transfer session such that the session is charged according to a first charging rate associated with a first charging class when the bandwidth on the wireless link available to the bit transfer session is within a first predetermined interval and according to a second charging rate associated with a second charging class when the bandwidth on the wireless link available to the bit transfer session is within a second predetermined interval.

20. (Previously Presented) The telecommunication charging system according to claim 12 wherein the charging server is arranged to determine that the charging rate related to the bit transfer session should be zero when the bandwidth on the wireless link available to the bit transfer session is below a predetermined threshold level.

21. (Previously Presented) The telecommunication charging system according to claim 12 is incorporated in a proxy node which further incorporates a mobile proxy.

22. (Previously Presented) The telecommunication charging system according to claim 12 is incorporated in an application/service node which further incorporates an application logic.

23. (Previously Presented) The telecommunication charging system according to claim 12 is incorporated in a charging node, which is a node dedicated to charging functionality.

24. (Currently Amended) The telecommunication charging system according to claim 12 in that the charging server is arranged to adapt the charging rate related to the bit transfer session based on said received information from the radio resource managing unit such that the impact of said received information from the radio

resource managing unit on the charging of the bit transfer session depends on ~~the type~~  
~~of service~~ a service type of the bit transfer session.

25. (Canceled)

\* \* \*